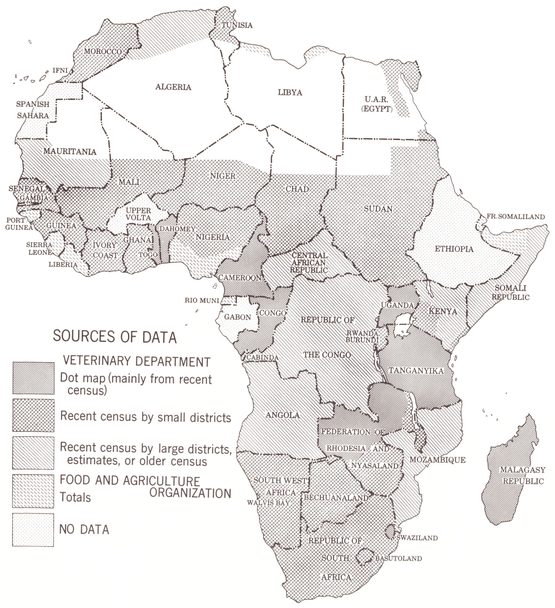
AFRICA
DISTRIBUTION OF CATTLE

by WALTER DESHLER and JEAN-CLAUDE THOMAS

SOURCES

ALGERIA: Service de Statistique Générale de l'Algérie: Tableaux de l'économie algérienne, 1958 (estimates by departments as of November, 1958). ANGOLA: Anuário Estatístico, 1957-1958 (estimates by provinces). BASUTOLAND: Department of Agriculture (census by districts as of 1961). BECHUANALAND: The Secretariat, Mafeking (census by districts as of 1961). CAMEROUN: Service de l'Elevage et des Industries Animales, 1960 (estimates by departments and unpublished map of March, 1962). CENTRAL AFRICAN REPUBLIC: Service de l'Elevage et des Industries Animales (map and estimates by districts, 1962). CHAD: Service de l'Elevage et des Industries Animales (estimates by prefectures, 1960, and unpublished dot map, 1960). COMORO ISLANDS: FAO Production Yearbook, Vol. 14, 1960 (total as of 1956-1957). CONGO: (1) Atlas général du Congo Belge et du Ruanda-Urundi; "Carte des productions animales," 1951; (2) Ministère des Colonies, Bruxelles: La situation économique du Congo Belge et Ruanda-Urundi en 1957. CONGO, REPUBLIC OF THE: Service de l'Elevage et des Industries Animales (census, 1961, and unpublished map). DAHOMEY: Service de l'Elevage et des Industries Animales (dot map, 1960; presumably based on estimates). EGYPT: Ministry of Agriculture (census by provinces, 1960). ETHIOPIA: No distribution data. GABON: No data (probably no cattle). GAMBIA: FAO Production Yearbook, Vol. 14, 1960 (total as of 1957-1958). GHANA: (1) Atlas of the Gold Coast, Accra, 1949; (2) Veterinary Service (census by districts, 1959). GUINEA: Service de l'Elevage (estimates by cercles, 1959). IFNI: FAO Production Yearbook, Vol. 14, 1960 (total as of 1957-1958). IVORY COAST: Service de l'Elevage: Annual Report, 1959 (estimates by cercles, 1959). KENYA: (1) Atlas of Kenya, Nairobi, 1959; (2) East Africa Royal Commission 1953-1955, Report, Command 9475; (3) Veterinary Service, Kabete (estimates by districts, 1960). LIBERIA: FAO Production Yearbook, Vol. 14, 1960 (total as of 1951-1952). LIBYA: FAO Production Yearbook, Vol. 14, 1960 (total as of 1958-1959). MALAGASY REPUBLIC: Service de l'Elevage (census and estimates, 1960; dot map, 1958). MALI: Secrétariat d'Etat à l'Agriculture, à l'Elevage et aux Eaux et Forêts (estimates by cercles, 1960). MAURITANIA: Service de l'Elevage (estimates by cercles, 1960). MOROCCO: Bulletin Économique et Social du Maroc, July, 1960 (estimates by provinces). MOZAMBIQUE: (1) Anuário Estatístico, 1958 (estimates by provinces); (2) Estatística Agrícola, 1955 (estimates by provinces). NIGER: Institut Français de l'Afrique Noire, Niamey (census, 1959, data by cercles). NIGERIA: Northern Region: Ministry of Animal and Forest Resources, Kaduna (estimates by provinces, 1960); Eastern Region: FAO Production Yearbook, Vol. 14, 1960 (total as of 1958-1959); Western Region: FAO Production Yearbook, Vol. 14, 1960 (total as of 1957-1958). NORTHERN RHODESIA: (1) Monthly Digest of Statistics, April-July, 1960 (estimates of European-owned cattle by districts, 1959); (2) Department of Veterinary and Tsetse Control Services, Annual Report, 1959 (dot map, 1959, of African-owned cattle). NYASALAND: Department of Veterinary Services, Annual Report, 1959 (census by districts). PORTUGUESE GUINEA: FAO Production Yearbook, Vol. 14, 1960 (total as of 1947-1952). RUANDA-URUNDI: Service Vétérinaire, Usumbura (census by territoires, 1959). SENEGAL: Service de l'Elevage et des Industries Animales (estimates by cercles, 1961). SIERRA LEONE: (1) Atlas of Sierra Leone, Freetown, 1953 (agricultural products map); (2) FAO Production Yearbook, Vol. 14, 1960 (total as of 1958-1959). SOMALIA: (1) Rapport du gouvernement italien a l'assemblée générale des Nations Unies sur l'administration de la tutelle de la Somalie, 1958 (statistics by minor civil divisions); (2) Veterinary Department (shaded map, 1960). SOMALILAND, FRENCH: FAO Production Yearbook, Vol. 14, 1960 (total as of 1956-1957). SOUTH-WEST AFRICA: Union of South Africa, Division of Animal Husbandry and Dairying: Agricultural Census No. 29, 1954-1955. SOUTHERN RHODESIA: Proceedings of Third Annual Conference of Professional Officers, Department of Research and Specialist Services, 1957 (dot map, Fig. 2). SPANISH GUINEA: (1) FAO Production Yearbook, Vol. 14, 1960; (2) R. Harrison Church: West Africa: London, 1960. SPANISH SAHARA: No data (probably no cattle).
SUDAN: Veterinary Department (dot map, 1956; updated using total estimate for 1957-1958 from FAO Production Yearbook, Vol. 14, 1960). SWAZILAND: Land Utilization Department, Veterinary Office, Bremersdorf (census totals and unpublished dot map, 1960). TANGANYIKA: (1) Atlas of Tanganyika, Dar es Salaam, 1956 (census, 1954, dot map); (2) Department of Veterinary Service (estimates, 1960). TOGO: Service de l'Elevage et des Industries Animales (census, 1959; total revised, 1960; and unpublished dot map, 1960). TUNISIA: Service Tunisien des Statistiques: Annuaire Statistique de la Tunisie, 1957-1958 (census by gouvernements). UGANDA: Department of Veterinary Services (dot map, 1958). UNION OF SOUTH AFRICA: Bureau of Census: Report on Agricultural and Pastoral Production, 1956-1957 (by districts). UPPER VOLTA: Not mapped (estimate of 1.55 million as of 1955-1956 from Fao Production Yearbook, Vol. 14, 1960; no distribution data received). ZANZIBAR AND PEMBA: FAO Production Yearbook, Vol. 14, 1960 (total as of 1958-1959).



MAP COLLECTION UNIVERSITY OF ALBERTA EDMONTON, ALBERTA CANADA

one dot represents 5,000

SCALE 1:10,000,000

0 500 Miles
0 800 Kilometers

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